

Special Issue

Sustainable Assessment of Civil Infrastructure Systems and Risk Analysis

Message from the Guest Editor

As a core element that helps society function, civil infrastructure comprises basic facilities and systems, including roads, railways, airports, tunnels, power stations and more. Some of these facilities fall under critical infrastructure, which is considered essential by governments for the functioning of a society and economy. Works of civil infrastructure usually have a significant influence on environmental degradation, as their products influence economies, the environment and societies throughout their entire life cycle.

As such, this Special Issue aims to highlight two aspects concerning civil infrastructure systems, namely sustainable assessment and risk analysis. Research areas may include (but are not limited to) the following:

life-cycle project assessment, digital-based management systems, risks in innovative solutions, complex life-cycle sustainability assessment, Big Data tools, artificial intelligence support for decision making, circular economy application to civil infrastructure and many more. Original research articles and reviews are welcome.

Guest Editor

Dr. Jarosław Górecki

Faculty of Civil and Environmental Engineering and Architecture,
Bydgoszcz University of Science and Technology, Bydgoszcz, Poland

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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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